

Increasing the Development of Numeracy Strengthening Strategies in Middle School Mathematics Learning in Wonosobo

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ABSTRACT

Numeracy is a student's ability to count in solving problems in mathematics and real life. This ability is different from the ability to learn mathematics, numeracy ability is a term used to identify the abilities needed to accommodate the mathematical demands of everyday life. Numeracy is the most basic competency as stated in PP No. 57 of 202. A study concluded that numeracy skills are very important for making decisions in our daily lives so intervention is needed to improve them. Therefore, it is necessary to increase mastery of numeracy for teachers in secondary education, especially Junior High Schools (SMP). Through collaboration with the Wonosobo Regency Middle School Mathematics Subject Teachers' Conference (MGMP), the Community Service Team (PPM) of the Department of Mathematics Education (Jurdikmat), Faculty of Mathematics and Natural Sciences, Yogyakarta State University held numeracy learning training The training time was carried out for 2 days in the form of explaining theory and practicing numeracy questions. The first day will be held online on July 7 2023, while the second day will be held offline on August 2 2023 at SMP Negeri 1 Wonosobo. The evaluation results showed that all participants prepared very diverse numeracy questions in terms of question type and context. The evaluation results showed that 53% indicated that the numeracy questions developed were useful in providing inspiration for learning design and useful in providing inspiration for designing learning that develops HOTS. 80% of participants stated the usefulness of the training material, 53.3% stated the suitability of the training material to teacher needs. The training delivery method was very easy for participants to accept, and the task of preparing the questions was quite challenging.

Kata Kunci: Numeracy, Mathematics, Wonosobo